P/014/60/039/012/002/007 A221/A126

AUTHOR:

Zieliński, Antoni, Z.

Sulphur-tetra-fluoride, a modern, selective fluorizing agent

TITLE:

Przemysł Chemiczny, v. 39, no. 12, 1960, 747 - 749 PERIODICAL:

The author describes his observations obtained during his visit to America in 1959, concerning sulphur tetra-fluoride. This compound has a remarkable selective property in substituting oxygen by fluorine in carbonyl TEXT: and partly hydroxyl compounds. Its production is easy and raw materials are cheap. SF₄ is a colourless gas, fuming in contact with damp air, its smell resambles that of SO₂. It boils between -38 and -37°C, solidifies at -121°C, its critical temperature is 90.9°C. Stored in bottles in liquefied form it developes a pressure of 11 atm gauge at 26°C and of about 55 atm gauge at 55°C. It is easily soluble in several solvents, e.g. dimethyl formamide, pyridine; less freely soluble in acetonitryle, ethyl ether, ethyl acetate and tetra methylene sulphone; it is little soluble in aliphatic and arometic hydrocarbons and their derivatives. It is highly toxic, consequently strict precautions must be observed when handling it. Most characteristic

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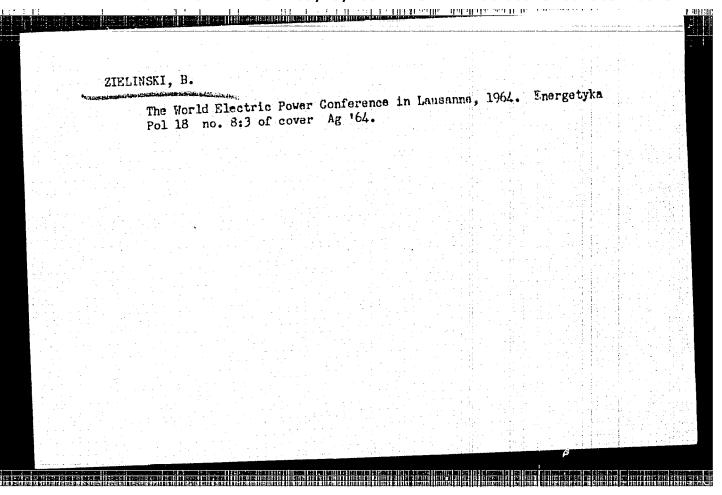
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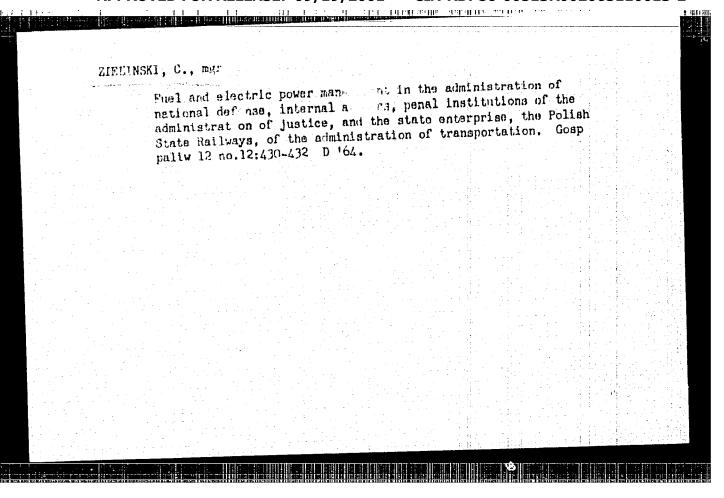
Sulphur-tetra-fluoride, a modern, selective...

is the reaction of SF₄ with carbonyl group present in ketones, quinones, aldenydes, acids and esters C = 0 + SF₄ → CF₂ + SOF₂, while atoms of hydrogen, double and triple inter-carbon links, nitric groups, atoms of chlorine, and even bromine present in the molecules, remain unaffected. Selected reactions of SF₄ are shown in 5 tables. According to Du Pont (Ref. 3: du Pont de Nemours & Co., Inform. Bull.; "Sulfur Tetrafluoride Technical", Wilmington 1959) production of SF₄ proceeds as follows: 3SCl₂ + 4NaF → Wilmington 1959) production of SF₄ proceeds as follows: 3SCl₂ + 4NaF → SF₄ + S₂Cl₂ + 4NaCl or 2Cl₂ + S + NaF → 4NaCl + SF₄. There are 6 tables and 9 non-Soviet-bloc references. The four most recent references to English-language publications read as follows: C. W. Tullock, W. C. Smith, lish-language publications read as follows: C. W. Tullock, W. C. Smith, L. Muetterties, A. L. Oppengard, F. S. Fawcett, D. D. Coffman, 136 Meeting Amer. Chem. Soc., Paper no. 61-M, Atlantic City 1959; Pat. USA 2859245 ing Amer. Chem. Soc., Paper no. 61-M, Atlantic City 1959; Pat. USA 2859245 (1958), Chem. Abstr., 53, 12236 (1959); Pat. USA 2862029 (1958), Chem. Abstr., 53, 12236 (1959); Pat. USA 2862029 (1959).

ASSOCIATION: Katedra Technologii Chemicznej Organicznej Politechniki Szczecińskiej (Department of Organic Chemical Technology, Polytechnical Institute) in Szczecin

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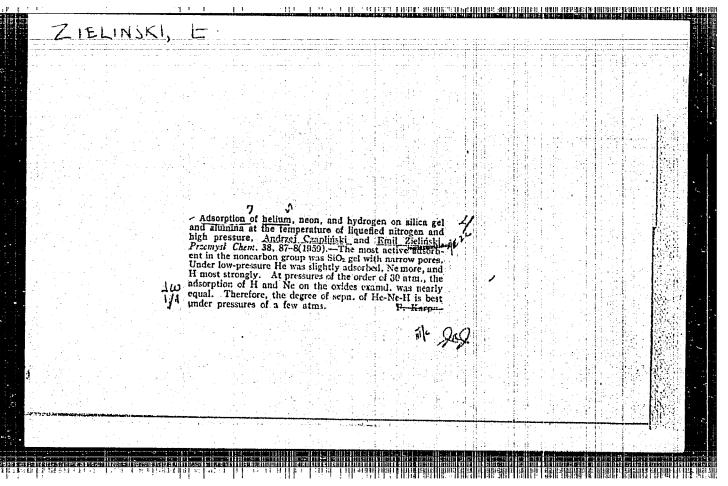
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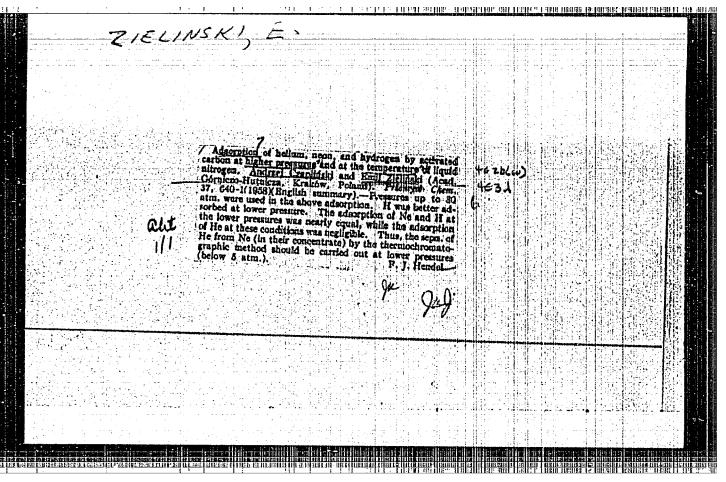
ZIELINSKI, E.; POBORSKI, J.

The concentration of helium in the gas-bearing salt deposits in the Kujawy region. p. 407.

PRZEGLAD GEOLOGICZNY. (Wydawnictwa Geologiczne) Warszawa. Poland. Vol. 7, no. 9, Sept. 1959.

Monthly List of East European Accessions (EFAI) LC, Vol. 9, no. 2, Feb. 1959. Uncl.





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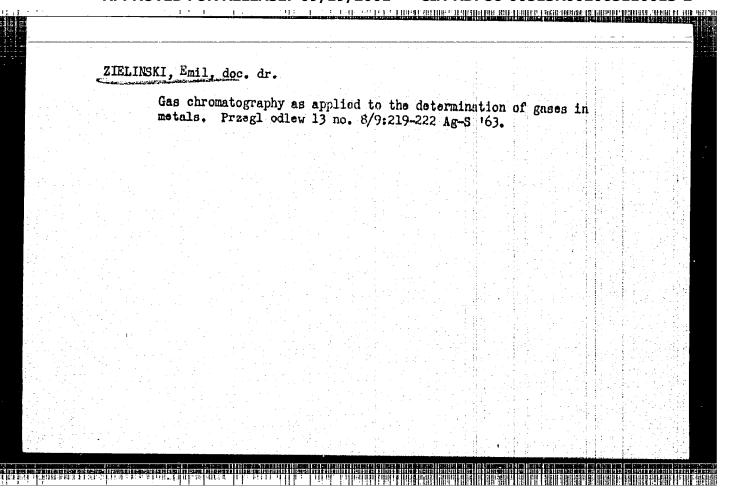
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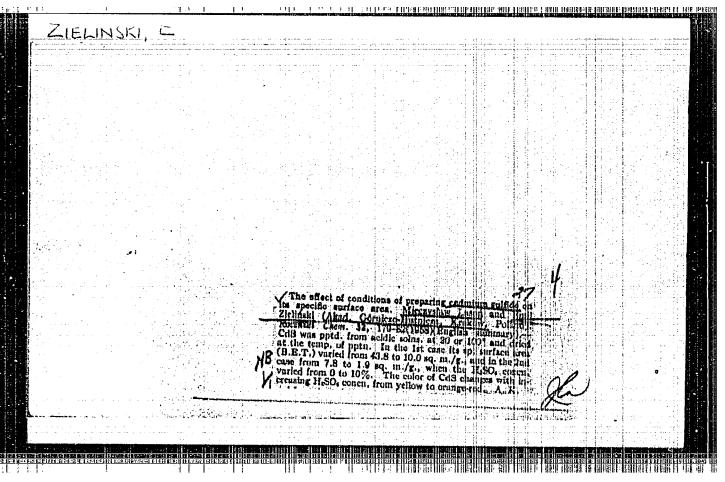
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On the possibility of utilizing the thermochromatographic method in the separation of waste gases from ammonia synthesis. Przem chem 40 no.9:512-513 S '61.

1. Katedra Chemii Ogolnej, Akademia Gorniczo-Hutnicza, Krakow.



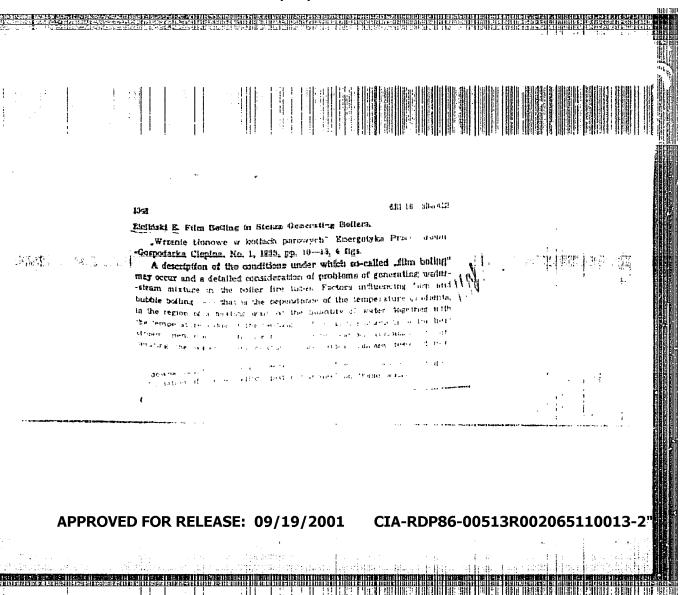


O CONTROL OF THE SECOND RESIDENCE AND SECOND RESIDENCE OF THE SECOND RESIDENCE B POLIND/Physical Chemistry. Colloid Chemistry. Disperse mar Systems - water and the participation of the state of hbs Jour: Ref Zhur-Khim., No 5, 1959, 14879. the for a given well to the population that Alam, contact the Author : Lason M., Zielinski F. : Investigation of the Specific Surface of Cedmium Sulphide Inst Obtained from Acidified Solutions Containing Cadmiun Title nitrates or Chlorides. Orig Pub: Rocz. chem., 1958, 32, No 3, 467-470. Abstract: The effect of the production conditions of CdS on its specific surface S has been investigated. CdS is obtained by the separation of Cd from acidified nitrate and chloride solutions. It has been established that, for a determined separating and drying :1/2 Card

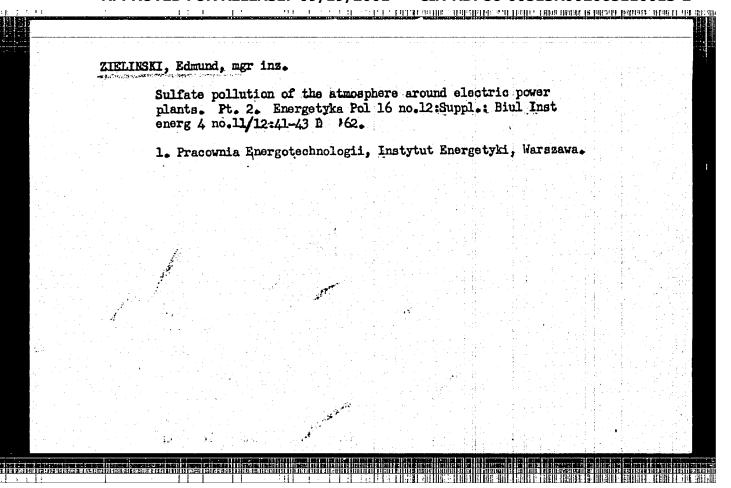
Application of Polish molecular sieves and activated carbons in gas chromatography. Chem anal 8 no.6:907-910 '63. 1. Department of General Chemistry, Academy of Mining and Metallurgy, Krakow.

Determination of the helium, argon, and nitrogen content in natural gases by the chromatographic method. Chem anal 8 no.3:399-404 '63. 1. Department of General Chemistry, Academy of Mining and Metallurgy, Krakow.



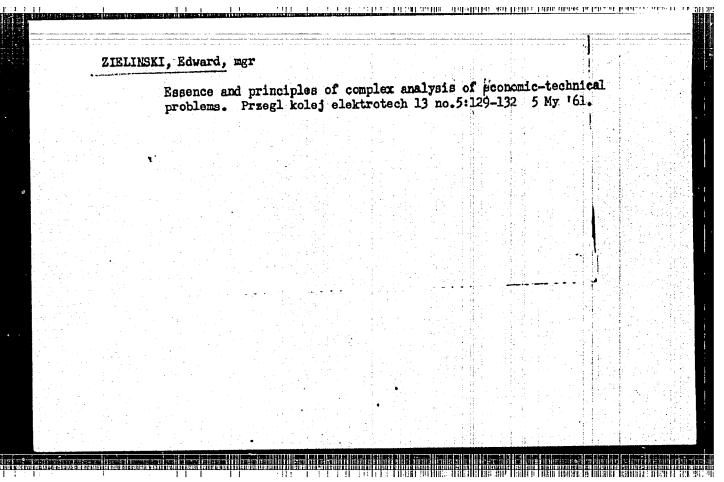


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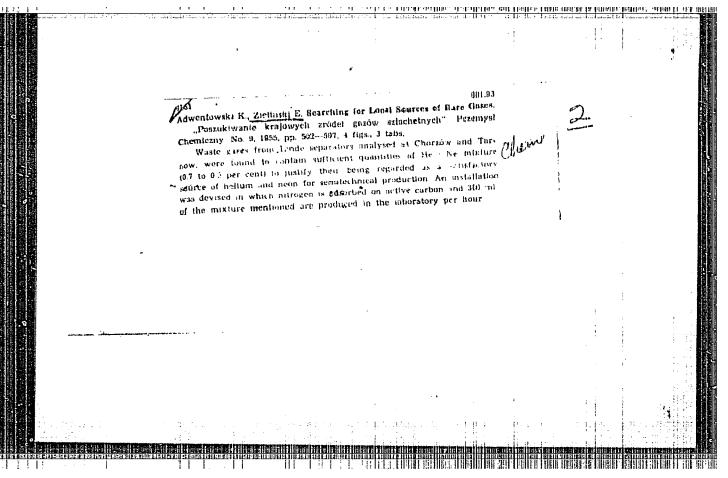
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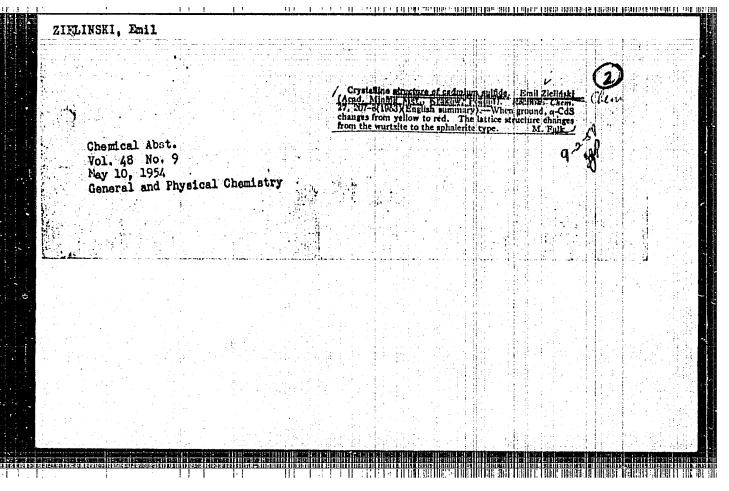
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CCUNTRY

: POLAND

CATEGORY

: Physical Chemistry. Surface Phenomena. Adsorption

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Chromatography. Ion Exchange

ABS. JOUR.

: RZhKhim., No 17, 1959, No. 60188

AUTHOR

: Czaplinski, A., Zielinski, E.

INSTITUTE

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TIME

: Adsorption of He, Ne, and H2 on Activated Charcoal

at Liquid N2 Temperature and at High Pressures

ORIG. PUB.

: Przem. chem., 1958, 37, No 10, 640-641

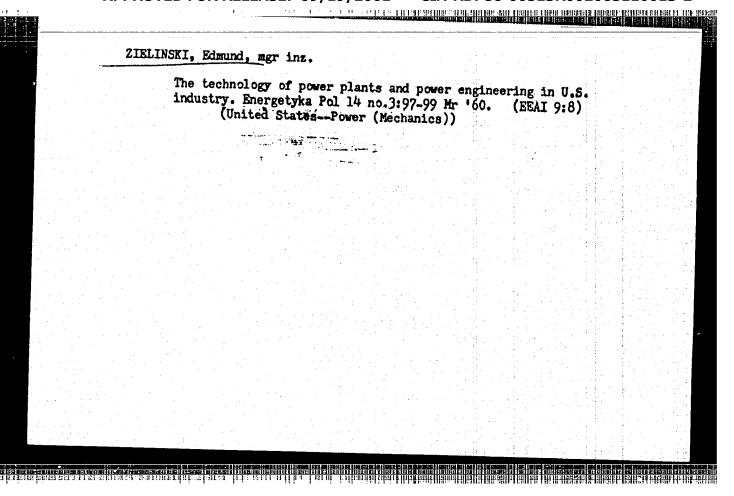
ABSTRACT

: For the determination of optimum conditions of the thermo-chromatographic separation of industrial gas mixtures, composed of approx. 80% He+Ne, 20% N2, and 1-2% H2, adsorption, isotherms of He, Ne, and H2 were taken at a temperature level of liquid N2 employing activated charcoals "Carbopol H2 (I), and disulfocarbon (II) made at the Ratsiborskiy plant of carbon electrodes from the Merka's (III) coal. The justification for using high pressures p for the separation of mixtures was not demonstrated. The greatest

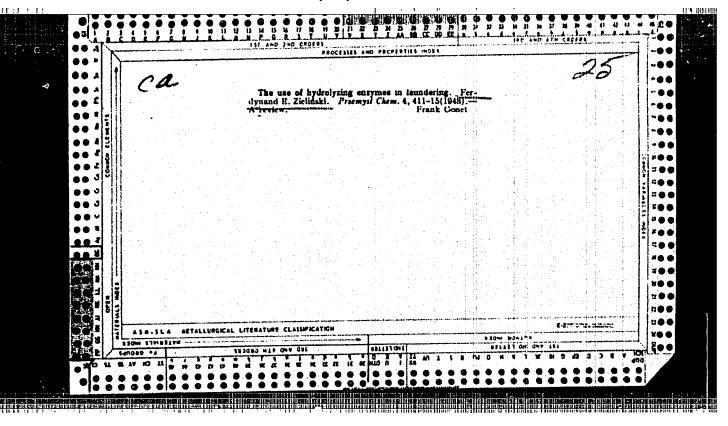
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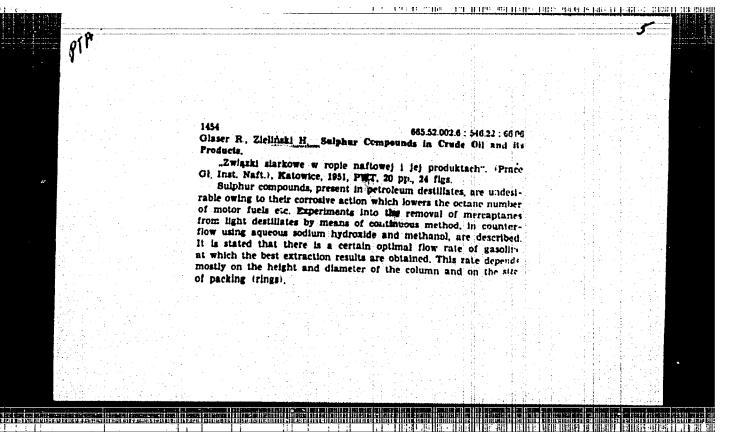
POTWORG	OWSKA, Maria; SERAFIN, Roman; ZIELINSKI, Jan Spontaneous valvular pneumotiorax in a parturient. Pol. tyg.
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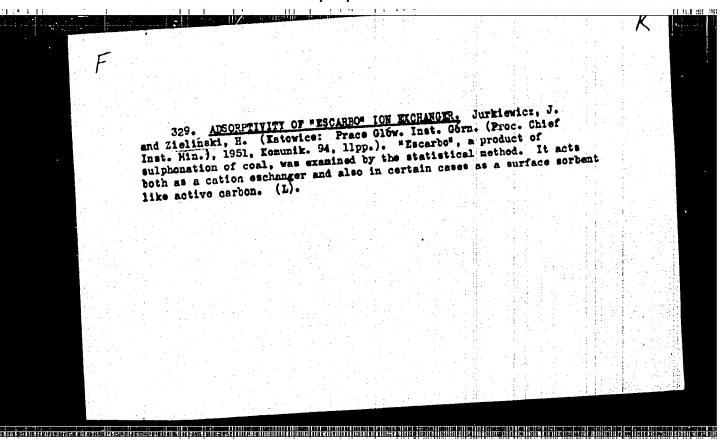


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"The constitution of	precipitated cadmium sulfides."							
Roczniki Chem. 26, 13	1-42 (1952) (French summary).							



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POLAND / Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Solid Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13104.

Author : Zielinski, Henryk

Inst : Not given.

Title: Coking Problems in a Sectional Meeting of the

International Power Conference in Belgrade.

Orig Pub: Koks, smola, gaz, 1957, 2, No 4, 166-168.

Abstract: No abstract.

Card 1/1

ZIELINSKI, H.

Process of natural coalification of solid fuel in the light of the elementary analysis.

p. 1 (Koks, Smola, Gaz. Vol. 1, no. 1, Jan./Mar. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2, February 1958

ZIELINSKI, HENRYK

POLAND / Chemical Technology, Chemical Products and Their

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Application. Part 3. - Treatment of Solid Combustible

Minerals.

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12436.

Author : Henryk Zielinski.

Inst : Not given

Title : Upon the Combination of Coal Coking and Semicoking Processes.

Orig Pub : Koks, smola, gaz, 1957, 2, No 1, 6 - 8.

Abstract : The possibility of combining the process of non-coking

coal semicoking with metallurgical coke production by the introduction of semicoke into the composition of coke oven charge and by using the method of heating coal up to the plasticity state, the agglomeration of the obtained product

and its coking is studied. This method will permit to en-

Card 1/2

ZIELINSKI, H.

Proper planning of research in the Institute of Chemical Utilization of Coal.

p. 12 (Koks, Smels, Gaz. Vol. 1, no. 1, Jan./Mar. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

Poland/Chemical Technology. Chemical Products and Their Application -- Treatment of solid mineral fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5447

Author: Jurkiewicz, J., Zielinski, H.

Institution: Institute of Chemical Processing of Coal

Title: Process of Natural Carbonization of Solid Fuels According to Data of

Their Elemental Analyses

Original

Publication: Koks, smola, gaz, 1956, 1, No 1, Biul. Inst. chem. przerobki wegla,

Abstract: On the basis of physico-chemical characteristics and data of elemental

analyses of solid fuels, hypothetical notions are advanced concerning the process of natural carbonization of fuels; in particular a correlation is established between changes in the nature of side chains,

and of aromatic rings, and the degree of metamorphism.

Card 1/1

ZIKLINSKI, H.

TECHNOLOGY

PERIODICAL: KOKS, SMOLA, CAZ., Vol. 2, no. 4, July/Aug. 1957.

ZIELINSKI, H. Problems of coke at the Sectional Meeting of the World Power Conference in Belgrade. p. 166.

Vol. 3, no. 5, Sept/Oct. 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4 April, 1959, Unclass.

ZIELINSKI H. 1-22 GUR COUNTRY CATREORY 19506 ARS, JOUR. 1 REKhim., No. 5 1960, No. Wiolinski, R. NUTTIOR The Oxidative Thermal Trentment of Semicoke and 111-6-COLE. Coke Briquettes ORIG. PUB. : Freiberger Forschungsh, A. Ho 119, 61-74 (1956) The effect of oxidative thermal treatment (OTT) t 200-500° on the strength and properties of TOATIZEA semicoke and coke briquettes (B) has been invesilgated. The B show maximum strength after OTT for 3-4 are. A simultaneous increase in the concentration of curbon in the briqueites and decrease in the volatile matter content is observed. Oxidation for more than 5-4 hrs leads to an increase in the yield of volatile matter, pertidularly in B from semicokes outpined at 500° [sic]. 307 CAPD: 1/2

ABS. JOUR. APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R002065110013-2" TITLE 19306 CEIG, FUB. MESTER OF The increase in the strength of the B after OTT is explained by polymerization and condensation reactions of the binder leading to the formation reacstable skeleton. Data are presented on the elemen. N. Gavrilov C/3D# 2/2 country Catogory= Abs. Jour. : 39967

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SALCEWICZ, Jozef; ZIELINSKI, Henryk

Studies of the influence of the temperatures of exidation and carbonization on the quality of formed coke obtained by the Ruhpw method. Koks 7 no.6:267-219 N.D. 162.

1. Katedra Chemicanej Technologii Wegla, Politechnika, Gliwice, i Instytut Chemicanej Przerobki Wegla, Zabrze.

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ZICLINDKI HENKYK

POLAND/Surface Phenomena. Adsorption. Chromatography. Ion Interchange B-13

Abs Jour: Ref Zhur - Khimiya, No 8, 1957, 26383

Author : Jan Jurkiewicz, Henryk Zielinski...

Title : New Method of Determination of Interchange Capability of

Cation Exchanging Resins.

Orig Pub : Gaz, woda, techn. sanit., 1956, 30, No 3, 90-91

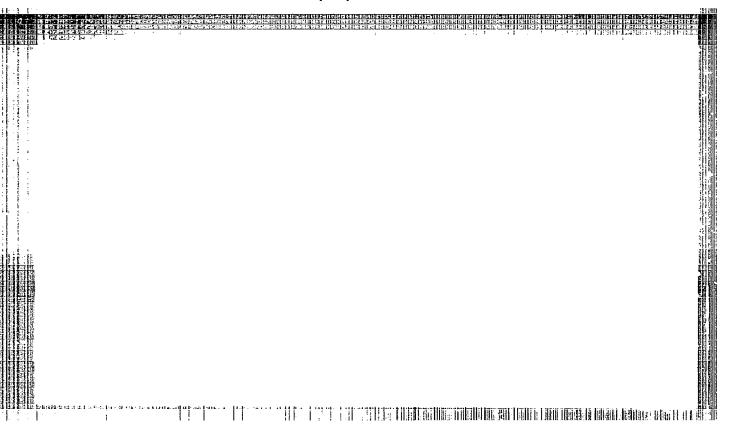
Abstract : The method of determination of the interchange capacity of

cationites corresponding to the conditions of their application to water softening is described in detail. The determination is based on the titration of H-forms of cationites by the solution of Ca(HCO₃)₂, prepared by saturating sus-

pended CaCO3 with gaseous CO2 in an autoclave at 0.5 to 3 atm.

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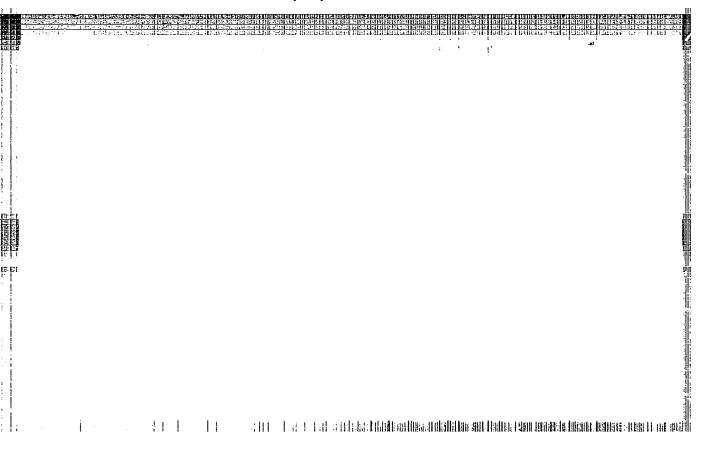
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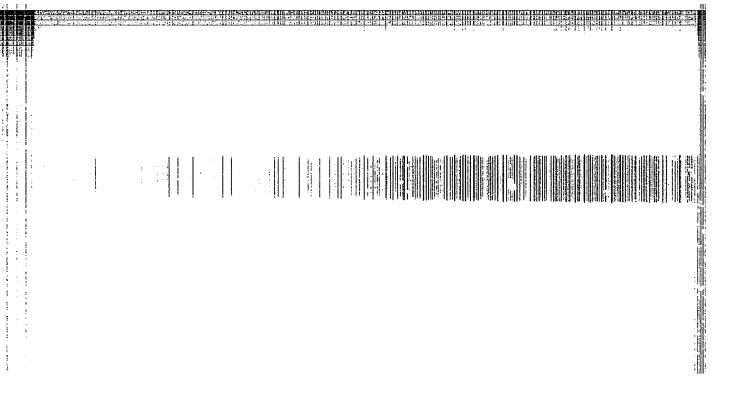


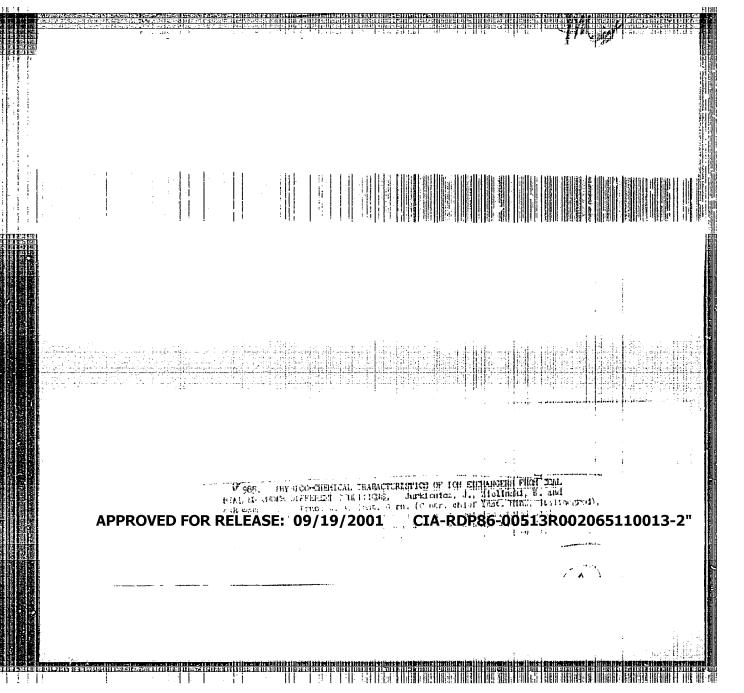
ZIFLIMSKI, H.

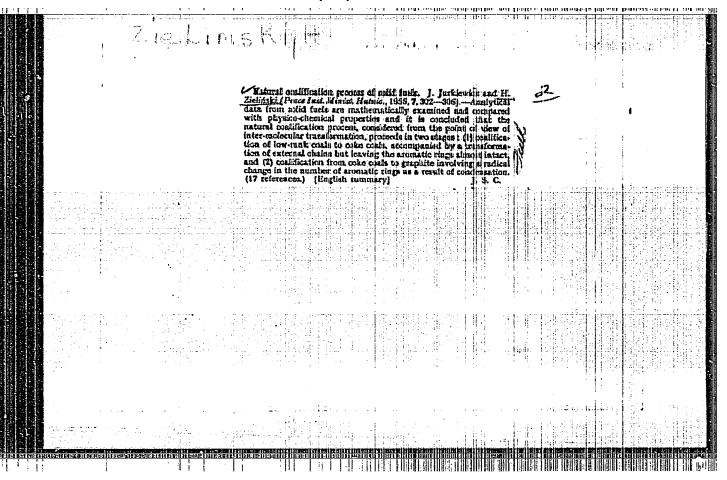
Rational utilization of coal for fuel and gas. p. 550. PRZEMYSL CHEMICZNY. Warszawa. Vol. 11, no. 10, Oct. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, no. 2, Feb. 1956





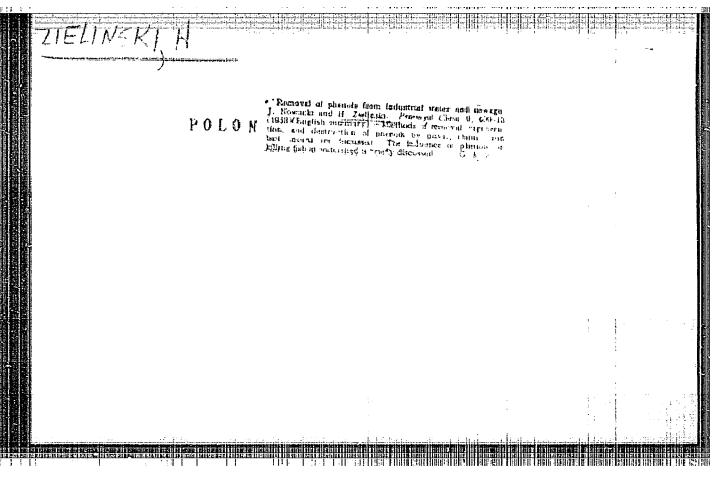




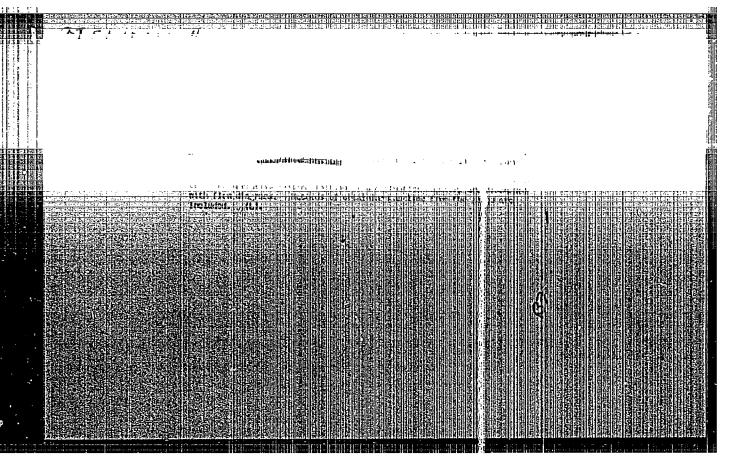
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ZIELINSKI, H

POLAND/Chemical Technology. Chemical Products and Their Applica-

tion. Treatment of Solid Mineral Fuels.

H-22

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15682.

Author : Radziakiewicz J., Zielinski, H., Rychly J., Kornas H.

Inst : Institute of Chemical Processing of Coal.

Title : Production of Metallurgical Coke from Non-Coking Coal.

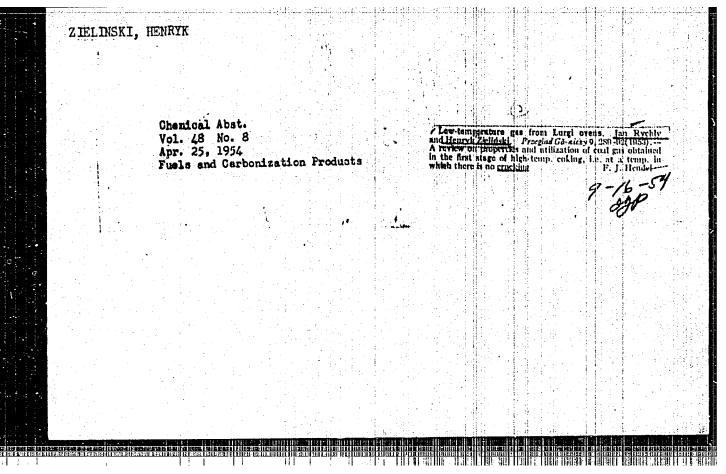
Orig Pub: Koks, smola, gaz, 1957, 2, No 2, 41-47.

Abstract: According to a method developed, on laboratory and pilot-

plant scale, by the Institute of Chemical Processing of Coal (Poland) for the production of metallurgical coke from non-coking coal, the initial fuel-grade coal is subjected to low temperature carbonization and the resulting semicoke is comminuted and made into briquettes, after adding low temperature carbonization tar as a binder. The briquettes undergo a thermal treatment (oxidation) after

Card: 1/3

. POLAND/Che	emical Technology. Chemical Products and Their Application. Treatment of Solid Mineral Fuels. H-22	
Abs Jour:	Referat Zhur-Khimiya, No 5, 1958, 15682.	
	300-375°, and also pitch of MP 70°. Briquettes were oxidized in a tunnel furnace at 220° for 4 hours. Conclusions are presented concerning suitability of coke thus obtained as a me-	
	tallurgical fuel.	
Card :	3/3	



POLAND / Chemical Technology. Processing of Solid H-22 Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78994.

Author : Zielinski, H. Inst : Not given.

Title

The Works of /Polish/ Institute of the Chemical Processing of Coal, Concerning the Production of Metallurgically Compressed Coke from Non-Coking

Coals.

Orig Pub: Koks, smola, gaz, 1957, 2, No 6, 286-294.

Abstract: The developed method consists of the following

operations:

1. Dry distillation of the starting non-coking or weakly coking coal at 750-800°C., leading to the formation of a semi-coke tar; the content of volatile matter in the semi-coke obtained does

Card 1/3

41

POLAND / Chemical Technology. Processing of Solid

H-22

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78994.

Abstract: not exceed 2-3%.

- 2. Crushing of the semi-coke to obtain a fraction from 0-3 millimeters.
- 3. Briquetting of crushed semi-coke at medium pressures (few hundredths of an atmosphere) with the addition of 8-12% of a binding material (per dry demi-coke), whereby as that binding material is used, a heavy fraction (270-300°C.) of a tar obtained in the first operation. This fraction must have a melting point of >35-45°C., and must not have substances with a boiling point of <270-300°C.
- 4. The thermal treatment of briquets at 200-300°C.

Card 2/3

Problems of the production of smokeless fuels. Koks 9 no.4: 1. Institute of Chemical Coal Processing, Zabrae.	ZIELINS	KI, Henryk									
		Problems of 110-118 J	of the Jl-Ag	producti 64.	on of	smokeless	fuels.	Kokn	9 no.4		
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RYPSON, Lech; ZIELINSKI, Jan

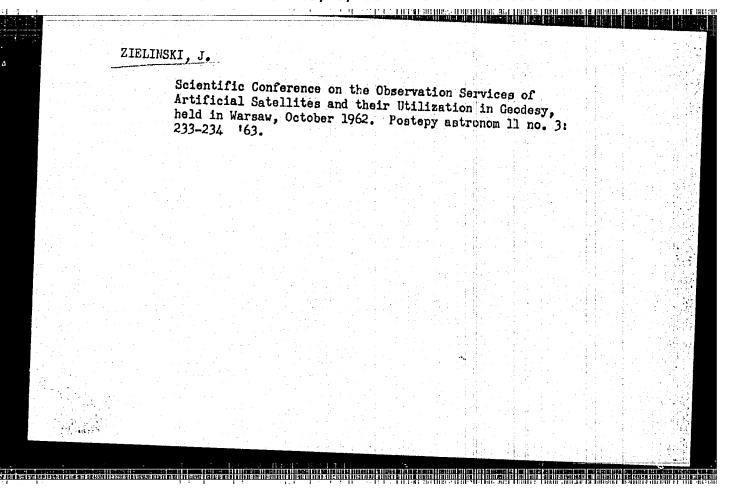
Depression of lactation with luminal. Pol. tyg. lek. 18
no.52:1956-1957 23 D'63.

1. Z Oddzialu Polozniczo-Ginekologicznego Instytutu Gruzlicy
w Warszawie (kierownik: dr med. J. Ruszkowski).

JOCHWEDS, Beniamin; RADWAN, Leszek; ZIELINSKI, Jan

Acute adrenal failure without typical biochemical changes. Pol. tyg. lek. 19 no.2r60-62 Ja 164.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy (kierownik: prof. dr med. B. Jochweds).



POLAND

LAWKOWICZ, Włodzimierz; KRZEMINSKA-LAWKOWICZOWA, Izabela; PANASEWICZ, Jozef; SNIGUROWICZ, Jarosław; KRAJ, Maria; ROSTKOWSKA, Jadwiga; ZIELINSKI, Jacok and MAJEWSKA, Zofia; Chair of Hematology of Postgraduato Medical Courses, Academy of Medicine and Hematology Clinic of Institute of Hygiene (Katedra Hematologii Stud. Dosk. Lek. AM i Klinika Hematologii III,) Head (Kierownik) Prof Dr W. LAWKOWICZ; and Department of Physiopathology, Institute of Hygiene (Zaklad Fizjopatologii III) Head Docent Dr J PANASEWICZ, Warsaw.

"Comparative Studies of Human Blood Proteins and Those of Experimental Animals!"

Warsaw, Mcdycyna Doswiadczalna i Mikrobiologia, Vol 18, No 1, 1966; pp 83-88.

Abstract [English summary modified]: When studied by the same method, rabbits' serum proteins were more similar to human ones than those of rats or guines pigs. Total proteins, erythrocyte sedimentation rates and haptoglobin levels were all lower in the animals than in man. Table, 2 electrophoregrams; 9 Polish and 1 Western reference.

1/1

NAPIORKOWSKA, Wanda; ZIELINSKI, Jan Aldactone as a drug controlling hypokalemia in diuretic therapy. Pol. tyg. lek. 17 no.35:1379-1383 27 Ag '62. 1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy w Warszawie; kierownik: prof. dr med. B. Jochweds. (SPIRONOLACTONE) (HYPOKALEMIA) (DIURETICS) (HEART FAILURE CONGESTIVE)	
Aldactone as a drug controlling hypokalemia in diuretic therapy. Pol. tyg. lek. 17 no.35:1379-1383 27 Ag '62. 1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy w Warszawie; (SPIRONOLACTONE) (HYPOWANTAME)	NAPIORKOWSKA, Wanda; ZIELINSKI, Jan
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Postoperative metastages and recurrence of reviewl cancer according to data of the Institute of Cacolegy in Margaw. Homotory 14 no.2:

1. 2 Oddzialu Onkologii Ginekologicznej Institutu Cakologii J Margawie (Kierozmik: doc. dr. med. L. Tarlovska, Dyrakton: prof. dr. med. M. Jasinski).

NAPIORKOWSKA, Wanda; RAFALOWICZ, Adam; ZIELINSKI, Jan

On cases of tumors of the abdominal cavity. Pol. tyg. lek. 19
no.17:644-646 20 Ap '64.

1. Z Oddzialu Wewnetrznego Instytutu Gruzlicy im. A. Landaua w Warszawie 'kierownik: do r. 1960 wlacznie, prof. dr. med. W. Hartwig, od r. 1961: prof. dr. med. B. Jochweds).

ZIELINSKI, Jan

A case of pregnancy toxemia associated with giant edema of the vulva causing mechanical anuria. Pol. tyg. lek. 19 no.16:608-610 13 Ap '64.

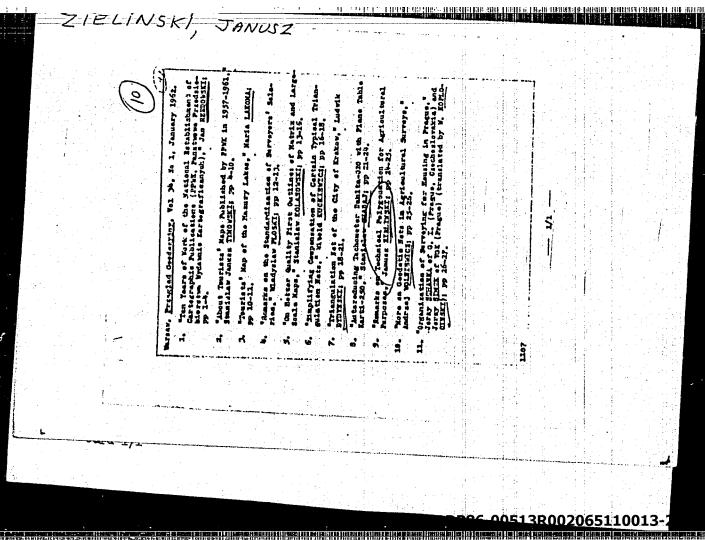
1. Z Oddzialu Ginekologiczno-Polozniczego (kierownik: dr. med. J. Ruszkowski) Instytutu Gruzlicy w Warszawie.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R002065110013-2"

KOZIOROWSKI, Antoni; ZIELINSKI, Jan; RADWAN, Leszek

The use of multergan in the diagnosis of generalized bronchial stenosis. Gruzlica 33 no.5:421-429 My *65.

1. Z Zakladu Fizjopatologii Oddychania Instytutu Gruzlicy (Kierownik: lek. A. Koziorowski).



Fretinski, J.

POLAND / Chemical Technology. Chemical Products and Their Application. Cellulose and Its Deriva-

tives. Paper.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33541.

Author : Szymanski, J., Zielinski, J. Inst : Not given.

Title : Determination of Sulfur in Waste Gases of

Cellulose Sulfate Production.

Obig Pub: Phezgl. pdpiern., 1958, 14, No 9, 279-2830

Abstract: The methods of precipitation, colorimetrical and potentiometrical titrations, and the method of determining the total amount of S by combustion, are examined. It is established that, for industrial supervision, the precipitation method and the method of S determination by com-

bustion are the most appropriate. -- From the

authors' summary.

Card 1/1

284

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R002065110013-2"

Studies on the correlation of the analytical indexes of sulfite spent liquors. Przegl papier 19 no.5:165-170 My *63.

1. Instytut Celulozovo-Papierniczy, Lodz (for Leszczynski and Skwara). 2. Politechnika Slaska, Gliwice (for Zielinski).

LESZCZYNSKI, Czeslaw, inz.; SEMARA, Zofia, inz.; ZIELINSKI, Jerzy, mgr inz.

Studies on the correlation of the analytical indexes of pollutional loads of pulp and paper mill waste waters. Przegl papier 19 no.10:305-308 0:63.

1. Instytut Celulozowo Papierniczy, Lodz (for Leszczynski and Skwara). 2. Politechnika Slaska, Gliwics (for Zielinski).

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TARNOWSKA-DZIDUSZKO, E.; ZIELINSKI, J.J.

Use of vaskulat in vascular diseases of the brain. Neurol. neurochir. psychiat. Pol. 14 no.1:51-54 Ja-F '64.

1. 2 Oddzialu Neurologicznego Instytutu Psychoneurologicznego w Pruszkowie (Kierownik Oddzialu: prof. dr. med. A. Dowzenko).

RUSZKOWSKI, Jozef; SIANOZECKA, Elzbieta; ZIELINSKI, Jan

Importance of the early determination of sex in pseudohermaphroditism. Gin. polska 29 no.4:457-464 July-Aug 58.

1. Z Oddzialu Ginekologiczno-Poloczniczego Instytutu Gruzlicy i Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Warszawie Kierownik: prof. dr M. Eulska. Dyrektor Instytutu Gruzlicy: prof. dr J. Misiewicz Dyrektor Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich: prof. dr W. Hartwig Adres: Instytut Gruzlicy - Warszawa, Plocka 26.

(HERMAPHRODITISM

pseudohermaphroditism, male, psychol, importance of early determ, of true sex (Pol))

(SEX CHARACTERISTICS

psychol. importance of early determ. of true sex in male pseudohermaphroditism (Pol))

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ADAMKIEWICZ, Kazimierz; WIECZOREK, Miroslaw; CZOPIK, Jerzy; MUSIEROWICZ, Andrzej; ZIELINSKI, Jerzy

Effect of decapsulation and enveloping the kidney in the omentum on the development of collateral vascularization. Pol. tyg. lek. 1.7 no.6: 206-209 5 F '62.

1. Z II Kliniki Chirurgicznej Sl. AM w Zabrzu; kierownik: prof. dr med. J. Gasinski i z Zakladu Anatomii Patologicznej Sl. AM w Zabrzu; kierownik: prof. dr med. W. Niepolomski.

(KIDNEYS blood supply) (CMENTUM physic1)

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PIENKOWSKA, Feliksa; WOZNIAKOWSKA, Zofia; ZIELINSKI, Jerzy; ADAMKIEWICZ, Kazimierz

Examination of the upper urinary tract in patients with cervical cancer before the treatment with radiation energy. Pol. tyg. lek. 17 no.16:592-596 16 Ap '62.

1. Z Instytutu Onkologii w Gliwicach; dyrektor: dr Jeremi Swiecki.

(CERVIX NEOPLASMS radiother)
(UROGENITAL SYSTEM physiol)

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ZIELINSKI, Jerzy; ADAMKIEWICZ, Kazimierz; PIENKOWSKA, Felicja; WOZNIAKOWSKA,
Zofia

Renal fistula (nephrostomy) in patients with cancer of the cervix
uteri. Polski tygod. lek. 17 no.24:953-954 ll Je '62.

1. Z Instytutu Onkologii w Glivicach; dyrektor; dr Jeremi Swiecki.

(KIDNEYS surg) (CERVIX NEOPLASMS surg)

WOZNIAKOWSKA, Zofia; PIENKOWSKA, Felicja; ADAMKIEWICZ, Kazimierz; ZIELINSKI,
Jerzy

Radium and roentgen-ray therapy of cancer of the cervix uteri (3rd
stage of development) with urinary stags in the upper tract (according
to observations in the Institute of Oncology during the period of
1957-1959). Pol. tyg. lek. 17 no.45:1748-1754 5 N '62.

1. Z Instytutu Onkologii w Gliwicach; dyrektor: dr Jeremi Swiecki.
(GERVIX NEOPLASMS) (RADIUM) (RADIOTHERAFY)

(URINATION DISORDERS)

ZIELINSKI, Jerzy; SOSNIERZ, Marian; MARQUARDT, Marceli

Outlet of the ureter into the seminal vesicie. A rare clinical syndrome. Polski przegl. chir. 34 no.6a:60-610'62.

1. Z Oddzialu Urologicznego Szpitala Specjalistycznego w Katowicach Ordynator: dr J. Zielinski z Zakladu Anatomii Patologicznej Sl. AM w Zabrzu Kierownik: prof. dr W. Niepolomski.

(URETERS abnorm) (SEMINAL VESICLES abnorm)

	I, Erwin; ZIELINSKI, Jorzy; ADAMKIEWICZ, Kazimiorz
	A device for preoperative radiography of the kidney. Polski przegl. chir. 34 no.6a:641-644 62.
	l. Z Zakladu Radiologii Lek. Sl. AM w Zabrzu Kierownik: doc. dr S. Matulewicz i z II Kliniki Chirurgicznej Sl. AM Kierownik: prof. dr J. Sasinski.
	(KIDNEYS radiog) (URINARY CALCULI surg)
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ZIELINSKI, Jerzy; HABOZYNSKA, Damuta

Polycystic kidney (ren multicysticus). Pol. tyg. lek. 19 no.14: 522-523 30 Mr '64.

1. Z Oddzialu Urologicznego Szpital Specjalistycznego nr 2 w Katowicach (ordynator: dr. J. Zielinski) i z Zakladu Anatomii Patologicznej Sl. Akademii Medycznej w Zabrau (kierownik: prof. dr. W. Niepolomski).

ACC_NR: _AT7001739___

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AUTHOR: Balcerzak, Andrzej-Bal'tsezhak, A. (Master engineer); Zielinski, Jerzy Janusz-Zelinski, Ye. Ya. (Master engineer)

ORG: High-voltage Department of the Electrotechnical Institute (Zaklad Wysokich Napiec Instytutu Elektrotechniki)

TITLE: Rectangular current pulse generator

SOURCE: Warsaw. Instytut Elektrotechniki. Prace. v. 14, no. 47, 1966, 53-60

TOPIC TAGS: pulse generator, electronic test equipment

ABSTRACT: A generator of undistorted current pulses of up to 1300 amp for equipment-testing purposes is described. Discharge current of a capacitor bank was used for pulse formation and two arc gaps (width, 2 cm) were used as switching units for starting and stopping pulse current. Electrodes 14—16 mm thick mounted on a rotating dielectric disk fired the arcs by passing through the arc gaps. A capacitor bank with up to 570 µf capacity charged to 30 kv was used in the experimental generator. Rectangular pulses of 500—2000 µsec duration of current up to 1300 amp were produced. Orig. art. has: 4 figures and 1 table.

SUB CODE: 09, 14/ SUBM DATE: 21Sep65/ ORIG REF: 004/ OTH REF: 003

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UDC: 621.319.53:621.3.018.75

KUS, Stanislaw (Warszawa); ZIELINSKI, Jerzy (Warszawa); SROKOWSKA, Hanna (Warszawa) Studies on splices as tension reinforcement pretensioned prestressed concrete. Przegl budowl i bud mieszk 35 no.2: 86-93 F •63.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R002065110013-2"

Power engineering installations. Przegl techn 81 no.19:19-20 '60. 1. Zjedniczenie Przemyslowe Budowy Maszyn Ciezkich.	 ZIELINS	ſΙ,	Jer	z y	** !								1						
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